

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/842,469

DATE: 6/5/17/2001
TIME: 11:51:23

Input Set : A:\ES.txt
Output Set: N:\CRF3\05112001\1842469.raw

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/842,469

DATE: 05/11/2001
TIME: 11:51:23

Input Set : A:\ES.txt
Output Set : N:\CRF3\05112001\I842469.raw

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 59 ggcgaatgca agcaatgtqaa ct gcaaccggc gtcgtgggtt cggacettgcg ggagqaaaj 2220
 60 tgcgtgtgt qtgggggtgtt cggacgttgcg tgcgagacca tgcgggggtt ttccagcra 2280
 61 gcccacccgt gggccgggtt cggagggtgtt gtcgtggatc ccaaaggctc cgteccatc 2340
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 66 ttcattccgg cttatcgttgcg tggatccgtt gggccatctt ctggccatca tgcgtgtttt 2640
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 88 <212> TYPE: PRT
 89 <213> ORGANISM: amino acid/human
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 92 .
 93 .
 94 Met Ala Pro Ala Cys Gln Ile Leu Arg Trp Ala Leu Ala Leu Gly Leu
 95 .
 96 .
 97 Gly Leu Met Phe Glu Val Thr His Ala Phe Arg Ser Gin Asp Glu Phe
 98 .
 99 Leu Ser Ser Leu Gln Ser Tyr Glu Ile Ala Phe Pro Thr Arg Val Asp
 100 .
 101 His Asn Gly Ile Leu Leu Ala Phe Ser Pro Pro Pro Pro Arg Arg Ile
 102 .
 103 Ala Arg Lys Ile Ile Arg Ile Ala Lys Ser Arg Ile Phe Tyr Ile Vip
 104 .
 105 Ala Ser Pro Ser Thr His Phe Leu Leu Asn Leu Thr Arg Ser Ser Arg
 106 .
 107 .
 108 Ala Ser Pro Ser Thr His Phe Leu Leu Asn Leu Thr Arg Ser Ser Arg
 109 .
 110 .
 111 Leu Leu Ala Gly His Val Ser Val Glu Tyr Trp Thr Arg Glu Gly Leu
 112 .
 113 .
 114 Ala Trp Gln Arg Ala Ala Arg Phe His Cys Leu Tyr Ala Gly His Leu

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116	115	120	125
118	Gln	Gly	Gln
119	Ala	Ser	Thr
120	Ser	His	Val
121	Ala	Ile	Ser
122	Leu	His	Gly
123	Gly	Leu	Ile
124	Ala	Asp	Glu
125	Glu	Gly	Tyr
126	Tyr	Leu	Ile
127	Glu	Gly	Glu
128	Pro	Lys	Arg
129	Gly	Ser	Arg
130	Arg	Ser	Pro
131	Pro	Glu	Glu
132	Glu	Ser	Gly
133	Gly	Pro	Pro
134	Trp	Lys	Gly
135	Gly	Arg	Arg
136	Arg	Pro	Trp
137	Trp	Trp	Trp
138	Trp	Arg	Val
139	Val	Arg	Asp
140	Asp	Glu	Lys
141	Lys	Pro	Trp
142	Trp	Lys	Gly
143	Gly	Arg	Pro
144	Pro	Trp	Trp
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149	Trp	Arg	Arg
150	Arg	Asp	Val
151	Val	Gly	Gly
152	Gly	Pro	Gly
153	Gly	Leu	Lys
154	Lys	Arg	Ser
155	Ser	Leu	Arg
156	Arg	Pro	Pro
157	Pro	Pro	Ala
158	Ala	Arg	Pro
159	Pro	Arg	Arg
160	Arg	Pro	Arg
161	Arg	Arg	Asp
162	Asp	Val	Val
163	Val	Val	Asp
164	Asp	Asp	Val
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191 Ile Pro Ala Ala Glu Gly Thr Leu Cys Gln Thr His Thr Ile Asp Iys
191 515 520 525
193 Gly Trp Cys Tyr Lys Arg Va. Cys Val Pro Phe Gly Ser Arg Pro Ile
194 530 535 540
196 Gly Val Asp Gly Ala Trp Glu Pro Trp Thr Pro Trp Gly Asp Cys Ser
197 545 550 555 560
199 Arg Thr Cys Gly Gly Gly Va. Ser Ser Ser Arg His Cys Asp Ser
200 565 570 575
202 Pro Arg Pro Thr Ile Gly Gly Lys Tyr Cys Leu Gly Gln Arg Arg Arg
203 580 585 590
205 His Arg Ser Cys Asn Thr Asp Asp Cys Pro Pro Gly Ser Gln Asp Phe
206 595 600 605
208 Arg Glu Val Gln Cys Ser Gln Phe Asp Ser Ile Pro Phe Arg Gly Iys
209 610 615 620
211 Phe Tyr Lys Trp Lys Thr Tyr Arg Gly Gly Val Lys Ala Cys Ser
212 625 630 635 640
213 Leu Thr Cys Leu Ala Glu Gly Phe Asn Phe Tyr Thr Glu Arg Ala Ala
214 645 650 655
215 Ala Val Val Asp Gly Thr Pro Cys Arg Pro Asp Thr Val Asp Ile Cys
216 660 665 670
217 Val Ser Gln Glu Cys Lys His Val Gly Cys Asp Arg Val Leu Gly Ser
218 675 680 685
219 Asp Leu Arg Glu Asp Lys Cys Arg Val Cys Gly Gly Asp Gly Ser Ala
220 690 695 700
221 Cys Glu Thr Ile Glu Gly Val Phe Ser Pro Ala Ser Pro Gly Ala Gly
222 705 710 715 720
223 Tyr Glu Asp Val Val Trp Ile Pro Lys Gly Ser Val His Ile Phe Ile
224 725 730 735
225 Gln Asp Leu Asn Leu Ser Leu Ser His Leu Ala Leu Lys Gly Asp Gln
226 740 745 750
227 Glu Ser Leu Leu Leu Glu Gly Leu Pro Gly Thr Pro Gln Pro His Arg
228 755 760 765
229 Leu Pro Leu Ala Gly Thr Thr Phe Gln Leu Arg Gln Gly Pro Asp Gln
230 770 775 780
241 Val Gln Ser Leu Glu Ala Leu Gly Pro Ile Asn Ala Ser Leu Ile Val
242 785 790 795 800
244 Met Val Leu Ala Arg Thr Glu Leu Pro Ala Leu Arg Tyr Arg Phe Asn
245 805 810 815
247 Ala Pro Ile Ala Arg Asp Ser Leu Pro Pro Tyr Ser Trp His Tyr Ala
248 820 825 830
250 Pro Trp Thr Lys Cys Ser Ala Gln Cys Ala Gly Iys Ser Gln Val Gln
251 835 840 845
253 Ala Val Ile Lys Arg Asn Ile Leu Asp Ser Ser Ile Val Ala Pro His
254 850 855 860
256 Tyr Cys Ser Ala His Ser Lys Leu Pro Lys Arg Gln Arg Ala Cys Asn
257 865 870 875 880
258 Thr Glu Pro Cys Pro Pro Asp Trp Val Val Gly Asn Trp Ser Leu Cys
260 885 890 895
262 Ser Arg Ser Cys Asp Ile Gly Val Arg Ser Arg Ser Val Val Cys Gln

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VERIFICATION SUMMARY

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DATE: 05/11/2001

TIME: 11:51:24

Input Set : A:\ES.txt

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I:10 M:27 C: Current Application Number differs, Replaced Application Number

L:11 M:27 C: Current Filing Date differs, Replaced Current Filing Date